



MEMORANDUM

TO: The Honorable Members of the Whatcom County Flood Control Zone District Board of Supervisors

THROUGH: Jon Hutchings, Public Works Director *JH*

FROM: Paula J. Harris, P.E., River and Flood Manager *PJH*
Gary Stoyka, Natural Resources Manager *KS*

RE: Twin View Levee Rehabilitation Project – Cooperation Agreement, Job No. NSK-19-02

DATE: April 18, 2019

Enclosed please find four (4) originals of a Cooperation Agreement between the Flood Control Zone District (FCZD) and the US Army Corps of Engineers (USACE) for your review and signature.

Requested Action

Public Works respectfully requests that the County Executive, and the County Council, acting as the FCZD Board of Supervisors, enter into a cooperative agreement for repairs to the Twin View levee along the left bank of the Nooksack River near the Town of Everson.

Background and Purpose

As a result of the November 2018 flood events, approximately 250 linear feet of damage has occurred to the levee prism located along the left bank of the Twin View levee approximately 1-mile upstream of the Everson bridge. The damage sustained resulted in scour of the levee slope and toe, including loss of embankment material. The Twin View levee provides flood protection to a crude oil pipeline, along with high value agriculture crops, approximately five single family residences, five outbuildings (garages, shops, sheds), ten agricultural structures (loafing sheds, barns, green houses) and ten commercial structures (1-business, 9-storage units).

Funding Amount and Source

The total construction cost is estimated at \$357,500, of which 80% or \$307,500 will be funded by the USACE, and 20% or \$71,500 is the responsibility of the local sponsor. The repair work is within the Sumas/Nooksack/Everson (SNE) Subzone. The SNE Subzone will be contributing to this project; applying the 70/30 FCZD Construction Cost-Share Program results in a FCZD share of \$50,050, and a SNE Subzone share of \$21,450. The SNE Subzone advisory committee members are aware of this project and it is anticipated the committee will unanimously support the project and expenditure at their next meeting which is being scheduled prior to the May 7th Council meeting. Because the damage occurred after the 2019 FCZD budget was developed, a project-specific budget allocation was not included in the adopted budgets for the FCZD or the SNE Subzone so the expenditure will be under the "Emergency/new projects" allocations, which are adequate to cover the expense.

Please contact Paula Harris at extension 6285 if you have any questions or concerns.
Encl.